ENGINE STARTING SYSTEM

Starting requirements for the T57 power plant have not, as yet, been defined. A pneumatic starter coupled to N_2 rotor operates when air is supplied to it from the high pressure bleed manifold. Normal starting procedure will use air furnished by the auxiliary power plant to start all engines. An alternate starting procedure will utilize air from an engine previously started by the A.P.P. to start the remaining engines. Disengagement of the starter is automatic upon reaching a predetermined rotor speed.

The following starting procedure is to be used:

I. Ground Start

- A. Power Lever - "ground idle"
- B. Starter - "energize"
- C. Ignition - "on" after specified RPM is reached
- D. Condition lever - move from "fuel-off" to "run" position

II. Air Start

- A. Fire Shut-Off Lever - normal run position
- B. Power Lever - "flight idle position"
- C. Ignition - "on"
- D. Condition Lever - move from "feather" to "air start" position
- E. Condition Lever - "run" position after light-off is accomplished.